at1110paper_practice_test (v40)

1. Expand the following expression into standard form.

$$(9x - 8)(5x + 6)$$

2. Solve the equation.
$$(6x + 7)(9x - 4) \ = \ 0$$

3. Expand the following expression into standard form.

$$(7x + 2)(7x - 2)$$

4. Expand the following expression into standard form.

$$(9x - 7)^2$$

5. Factor the expression.
$$x^2 + 15x + 56$$

6. Factor the expression.
$$16x^2 - 25$$

7. Solve the equation with factoring by grouping.
$$8x^2 + 6x + 20x + 15 \ = \ 0$$

8. Solve the equation.
$$8x^2 - 18x - 7 \ = \ 5x^2 - 4x - 2$$